



## A cost efficient media player for digital signage

Digital Signage makes it possible to engage with audiences in public spaces like never before. Involving constantly changing, interactive and locally adapted displays, it makes your communication with customers both exciting and dynamic. It also gives you a practical and resource-efficient way of spreading your company's information or advertising messages out to broad audiences and measuring the effect.

The MultiQ Media player 4 is designed to be a cost efficient and easy to use tool for interactive web-kiosks and digital signage installations. Display your key messages in full HD resolution to a selected audience on large monitors or use large touch panel monitors from MultiQ to create impressive kiosk applications in public environments. The combination of a MultiQ Media players and the Digital Signage Management System 3 (DSMS 3) represents a new generation of digital signage solutions.

It supports all the traditional digital signage functions such as hardware accelerated full HD MPEG 2/4 video, media scheduling and local storage for instant media access and minimized use of bandwidth. On top of this, the combined DSMS 3 and Media player 4 solution embraces tools and technologies that are well known and used for Internet Web applications – thereby enhancing capabilities way beyond those of traditional digital signage. Employing Web standards such as html, JavaScript, Ajax the new generation of MultiQ Media players facilitates content and application creation using standard Web development tools. This also means you can reuse existing applications and content from the Web and other sources. Interactive or not, digital signage applications are now easy to build since they are based on standard web applications.

The MultiQ approach is to use Web-based standards and open APIs for the central system as well as the media players. This makes it easy to integrate the digital signage applications with other systems and paves the way for new kinds of digital communications – that truly engages the end user.

# MultiQ Media player 4

## Technical specifications

| Software                      |  |
|-------------------------------|--|
| Operating system              | Based on Linux kernel version 2.6, glibc ver. 2.7, optimised for embedded digital signage applications.  |
| Digital signage application   | MultiQ Client Control software, including screen region control, scheduling and device management such as embedded software upgrades.  |
| Video file format support     | MPEG-1, MPEG-2, MPEG-4, H264, SWF  |
| Audio file format support     | OGG and optional mp3, mp3 requires MultiQ mp3 license.   |
| Browser                       | Mozilla Gecko 1.9, same version as used in Firefox-3.0.10, supporting Javascript, Ajax and other w3c standards.  |
| Browser add-ons               | <ul style="list-style-type: none"> <li>• Multi-lingual virtual keyboard (UK, FR, DE, SV, NO, DK)</li> <li>• Flash 10 is available as user loadable module</li> <li>• Sun Java Runtime environment 1.6.0</li> <li>• Client side network functionality verification tools – verifies web-source availability and initiates alternative handling in case if network problems.</li> <li>• URL access limitations – enables administrator to lock web browser access from and to specific URLs</li> <li>• A soft view transition between urls</li> <li>• Loader indication – clearly notifies end user, that download of new content to browser is in progress</li> </ul> |
| Web server                    | Apache 2.2.11  |
| Web server scripting language | PHP 5.2.10   |
| Database                      | SQLite 2.8.17  |
| Player API                    | MultiQ open API (MAPIDS) for device control  |
| Logging                       | Logs in standard apache log file format (expected availability Q1 2010).   |

| Hardware              |   |
|-----------------------|---|
| System                | CPU Intel Atom 1.1 GHz, 512 kB RAM, 2 GB Flash (1 GB available for user files).                               |
| Video output          | DVI-D (digital only) output in VGA/SVGA/XGA/SXGA/1360x768/HD 1080 resolutions. Frame rate is always 60 Hz.    |
| Audio output          | 3.5 mm analogue stereo line output.   |
| Network               | RJ-45 10BASE-T/100BASE-TX/1000BASE-T  |
| USB                   | 2 USB 2.0 ports   |
| Dimensions            | 215(W) x 144(D) x 35(H) mm  |
| Weight                | Net weight: 0.75 Kg<br>Shipping weight: 1.4 Kg  |
| External power supply | Input: AC 100-240V, 50-60Hz<br>Output: 12V DC, 5.0A   |
| Power usage           | 6-7W (typ), 10W (max excl. USB devices), 15W (max incl. USB load), DMPM (soft shut down of attached monitor). |
| Operating temperature | 0-40°C  |
| Approvals             | Power supply: CE, UL, TUV/GS<br>Media Player: CE<br>Environmental: RoHS, WEEE                                 |

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